| Electronic Patent Application Fee Transmittal |   |          |          |        |                         |  |  |
|---|---|----------|----------|--------|-------------------------|--|--|
| Application Number:                           | 10679038  |          |          |        |                         |  |  |
| Filing Date:                                  | 02-Oct-2003   |          |          |        |                         |  |  |
| Title of Invention:                           | INTRADERMAL DELIVERY OF VACCINES AND GENE THERAPEUTIC AGENTS VIA MICROCANNULA |          |          |        |                         |  |  |
| First Named Inventor/Applicant Name:          | John A. Mikszta   |          |          |        |                         |  |  |
| Filer:  | W. Murray Spruill/Polly Burton  |          |          |        |                         |  |  |
| Attorney Docket Number:                       | 035510/319556 (P-5331P1P1   |          |          |        |                         |  |  |
| Filed as Large Entity                         |   |          |          |        |                         |  |  |
| Utility under 35 USC 111(a) Filing Fees       |   |          |          |        |                         |  |  |
| Description                                   |   | Fee Code | Quantity | Amount | Sub-Total in<br>USD(\$) |  |  |
| Basic Filing:                                 |   |          |          |        |                         |  |  |
| Pages:  |   |          |          |        |                         |  |  |
| Claims:                                       |   |          |          |        |                         |  |  |
| Miscellaneous-Filing:                         |   |          |          |        |                         |  |  |
| Petition:                                     |   |          |          |        |                         |  |  |
| Patent-Appeals-and-Interference:              |   |          |          |        |                         |  |  |
| Post-Allowance-and-Post-Issuance:             |   |          |          |        |                         |  |  |
| Utility Appl issue fee                        |   | 1501     | 1        | 1510   | 1510                    |  |  |
| Publ. Fee- early, voluntary, or normal        |   | 1504     | 1        | 300    | 300                     |  |  |

| Description        | Fee Code          | Quantity | Amount | Sub-Total in<br>USD(\$) |
|--------------------|-------------------|----------|--------|-------------------------|
| Extension-of-Time: |                   |          |        |                         |
| Miscellaneous:     |                   |          |        |                         |
|                    | Total in USD (\$) |          |        | 1810                    |